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Abbreviations

BMP	best management practice
CFR	Code of Federal Register
Corps	U.S. Army Corp of Engineers
MSA	Magnuson-Stevens Fishery Conservation and Management Act
NMFS	National Marine Fisheries Service
NOAA	National Oceanic and Atmospheric Administration
pers. comm.	personal communication
SMC	Seattle Municipal Code
RCW	Revised Code of Washington
RM	river mile
SPCP	Spill Prevention Control Plan
SPU	Seattle Public Utilities
TESC	Temporary Erosion and Sediment Control
USEPA	U.S. Environmental Protection Agency
USFWS	U.S. Fish and Wildlife Service
unpub. data	unpublished data
WAC	Washington Administrative Code
WDF	Washington Department of Fisheries (now WDFW)
WDFW	Washington Department of Fish and Wildlife
WRIA	Watershed Resource Inventory Area

Glossary

action area	Under ESA, all areas to be affected directly or indirectly by the action and not merely the immediate area involved in the action
BE	Biological Evaluation. Information prepared by or under the direction of a federal agency to determine whether a proposed action is likely to 1) adversely affect listed species or designated critical habitat 2) jeopardize the continued existence of species that are proposed for listing or 3) adversely modify proposed critical habitat. The outcome of a biological evaluation determines whether formal consultation or informal conference is necessary between an agency and the Services under the ESA.
conservation	As defined by the ESA is the use of all methods and procedures necessary to bring any endangered or threatened species to the point at which the measures provided under the ESA are no longer necessary.
critical habitat	1) Specific areas within the geographical area occupied by the species at the time of listing, if they contain physical or biological features essential to conservation, and those features may require special management considerations or protections; and 2) Specific areas outside the geographical area occupied by the species if the agency determines that the area itself is essential for conservation.
DPS	Distinct Population Segment. Under the ESA, vertebrates are listed if they are distinct population segments. For a group of salmon to be a DPS, they must be an evolutionary significant unit. See ESU.
EFH	Essential Fish Habitat. Those waters and substrate necessary to fish for spawning, breeding, feeding, or growth to maturity.
ESA	Endangered Species Act of 1973. Federal law that mandates preservation of listed species.
ESU	Evolutionarily Significant Unit. A population of group of populations that is 1) substantially reproductively isolated from populations and 2) represents an important component of the evolutionary legacy of the species
endangered	Any species which is in danger of extinction throughout all or a significant portion of its range.
environmental baseline	Past and present impacts of all federal, state or private actions and other human activities in an action area.
MHHW	mean higher high water is a tidal (marine water) datum that is the mean (average) of

	the 2 highest tides
MHW	mean high water is a tidal (marine water) datum that is the average high water height
MLLW	mean lower low water is a tidal (marine water) datum that is the mean (average) level of the 2 lowest tides
OHW	ordinary high water. Also called the OHWM or ordinary high water mark or OHWL or ordinary high water line. A freshwater datum for the visible line on a bank where the presence or action of waters are so common as to leave a mark on soil or vegetation. Indicated by a clear natural line on the bank, shelving, changes in soil character, destruction of terrestrial vegetation, or presence of litter or debris or other characteristics of the surrounding area
PCE	Primary Constituent Element. Physical or biological feature essential to the conservation of a given species and that may require special management considerations or protection. Such requirements include but are not limited to the following: 1) Space for individual and population growth, and for normal behavior; 2) food, water, air, light, minerals, or other nutritional or physiological requirements; 3) cover or shelter; 4) site for breeding, reproduction, rearing of offspring, germination, or seed dispersal; and generally, (5) habitats that are protected from disturbance or are representative of the historic geographical and ecological distributions of a species.
SBE	Seattle Biological Evaluation. An inclusive, reference document that allows routine methods and conservation measures to be applied to a range of small capital improvement projects and routine maintenance activities performed by the City of Seattle within the city limits. The SBE replaces the need to prepare a biological evaluation (BE) for routine work. See BE
Std Spec	Standard Specifications. City of Seattle Standard Specifications for road, bridge, and municipal construction projects.
Std Plan	Standard Plans. City of Seattle Standard Plans for municipal construction projects. These show frequently recurring components or work that have been standardized for use by various departments within the City of Seattle.
the Services	The National Marine Fisheries Service (NMFS) and the U.S. Fish and Wildlife Service (USFWS)
threatened	Any species which is likely to become an endangered species within the foreseeable future throughout all or a significant portion of its range.

Reference Documents

The following documents are required to use the Seattle Biological Evaluation. Their use and websites are noted in the document.

- *Integrated Streambank Protection Guidelines* WDFW 2003
- *Stream Habitat Restoration Guidelines* WDFW 2004

The Seattle Biological Evaluation should be cited as follows:

City of Seattle. 2007. *Seattle Biological Evaluation*. Seattle, WA. May 1, 2007.